Ian Baxendale

List of Publications by Citations

187 papers	10,906 citations	60 h-index	101 g-index
267 ext. papers	11,749 ext. citations	4.1 avg, IF	6.66 L-index

#	Paper	IF	Citations
187	Multi-step organic synthesis using solid-supported reagents and scavengers: a new paradigm in chemical library generation. *Journal of the Chemical Society, Perkin Transactions 1*, **2000**, 3815-4195		599
186	An overview of the synthetic routes to the best selling drugs containing 6-membered heterocycles. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 2265-319	2.5	513
185	An overview of the key routes to the best selling 5-membered ring heterocyclic pharmaceuticals. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 442-95	2.5	369
184	The molecular basis for selective inhibition of unconventional mRNA splicing by an IRE1-binding small molecule. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E869-78	11.5	360
183	A flow process for the multi-step synthesis of the alkaloid natural product oxomaritidine: a new paradigm for molecular assembly. *Chemical Communications*, **2006**, 2566-8	5.8	283
182	Flow ozonolysis using a semipermeable Teflon AF-2400 membrane to effect gas-liquid contact. *Organic Letters*, **2010**, 12, 1596-8	6.2	253
181	The synthesis of active pharmaceutical ingredients (APIs) using continuous flow chemistry. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 1194-219	2.5	245
180	The Use of Gases in Flow Synthesis. *Organic Process Research and Development*, **2016**, 20, 327-360	3.9	221
179	Multistep synthesis using modular flow reactors: Bestmann-Ohira reagent for the formation of alkynes and triazoles. *Angewandte Chemie - International Edition*, **2009**, 48, 4017-21	16.4	211
178	Microwave-assisted Suzuki coupling reactions with an encapsulated palladium catalyst for batch and continuous-flow transformations. *Chemistry - A European Journal*, **2006**, 12, 4407-16	4.8	210
177	ReactIR Flow Cell: A New Analytical Tool for Continuous Flow Chemical Processing. *Organic Process Research and Development*, **2010**, 14, 393-404	3.9	205
176	The integration of flow reactors into synthetic organic chemistry. *Journal of Chemical Technology and Biotechnology*, **2013**, 88, 519-552	3.5	204
175	New tools and concepts for modern organic synthesis. *Nature Reviews Drug Discovery*, **2002**, 1, 573-86	64.1	186
174	The continuous-flow synthesis of carboxylic acids using CO2 in a tube-in-tube gas permeable membrane reactor. *Angewandte Chemie - International Edition*, **2011**, 50, 1190-3	16.4	185
173	Hydrogenation in flow: Homogeneous and heterogeneous catalysis using Teflon AF-2400 to effect gas–liquid contact at elevated pressure. *Chemical Science*, **2011**, 2, 1250	9.4	168
172	KMnO(4)-Mediated oxidation as a continuous flow process. *Organic Letters*, **2010**, 12, 3618-21	6.2	163
171	A flow-based synthesis of imatinib: the API of Gleevec. *Chemical Communications*, **2010**, 46, 2450-2	5.8	159

170	The flow synthesis of heterocycles for natural product and medicinal chemistry applications. *Molecular Diversity*, **2011**, 15, 613-30	3.1	139
169	A Microcapillary Flow Disc Reactor for Organic Synthesis. *Organic Process Research and Development*, **2007**, 11, 399-405	3.9	125
168	Development of fluorination methods using continuous-flow microreactors. *Tetrahedron*, **2009**, 65, 6611-6625	2.6	121
167	Microwave reactions under continuous flow conditions. *Combinatorial Chemistry and High Throughput Screening*, **2007**, 10, 802-36	1.3	120
166	Continuous Flow Processing of Slurries: Evaluation of an Agitated Cell Reactor. *Organic Process Research and Development*, **2011**, 15, 693-697	3.9	119
165	Molybdenum(II)-Catalyzed Allylation of Electron-Rich Aromatics and Heteroaromatics. *Journal of Organic Chemistry*, **1999**, 64, 2751-2764	4.2	119
164	Safe and reliable synthesis of diazoketones and quinoxalines in a continuous flow reactor. *Organic Letters*, **2011**, 13, 320-3	6.2	117
163	[3 + 2] Cycloaddition of acetylenes with azides to give 1,4-disubstituted 1,2,3-triazoles in a modular flow reactor. *Organic and Biomolecular Chemistry*, **2007**, 5, 1559-61	3.9	116
162	A modular flow reactor for performing Curtius rearrangements as a continuous flow process. *Organic and Biomolecular Chemistry*, **2008**, 6, 1577-86	3.9	114
161	Total synthesis of the amaryllidaceae alkaloid (+)-plicamine and its unnatural enantiomer by using solid-supported reagents and scavengers in a multistep sequence of reactions. *Angewandte Chemie - International Edition*, **2002**, 41, 2194-7	16.4	114
160	Synthesis of New Chiral 2,2′-Bipyridyl-Type Ligands, Their Coordination to Molybdenum(0), Copper(II), and Palladium(II), and Application in Asymmetric Allylic Substitution, Allylic Oxidation, and Cyclopropanation. *Organometallics*, **2001**, 20, 673-690	3.8	112
159	Fully automated continuous flow synthesis of 4,5-disubstituted oxazoles. *Organic Letters*, **2006**, 8, 5231-4	6.2	111
158	Azide monoliths as convenient flow reactors for efficient Curtius rearrangement reactions. *Organic and Biomolecular Chemistry*, **2008**, 6, 1587-93	3.9	109
157	Achieving continuous manufacturing: technologies and approaches for synthesis, workup, and isolation of drug substance. May 20-21, 2014 Continuous Manufacturing Symposium. *Journal of Pharmaceutical Sciences*, **2015**, 104, 781-91	3.9	108
156	Continuous flow reaction monitoring using an on-line miniature mass spectrometer. *Rapid Communications in Mass Spectrometry*, **2012**, 26, 1999-2010	2.2	106
155	Total syntheses of natural products containing spirocarbocycles. *Organic and Biomolecular Chemistry*, **2015**, 13, 9907-33	3.9	104
154	Teflon AF-2400 mediated gas-liquid contact in continuous flow methoxycarbonylations and in-line FTIR measurement of CO concentration. *Organic and Biomolecular Chemistry*, **2011**, 9, 6903-8	3.9	104
153	Preparation of arylsulfonyl chlorides by chlorosulfonylation of in situ generated diazonium salts using a continuous flow reactor. *Organic and Biomolecular Chemistry*, **2010**, 8, 5324-32	3.9	103

152	Flow chemistry synthesis of zolpidem, alpidem and other GABAA agonists and their biological evaluation through the use of in-line frontal affinity chromatography. *Chemical Science*, **2013**, 4, 764-769	9.4	101
151	Total synthesis of the amaryllidaceae alkaloid (+)-plicamine using solid-supported reagents. *Tetrahedron*, **2002**, 58, 6285-6304	2.4	101
150	A new enabling technology for convenient laboratory scale continuous flow processing at low temperatures. *Organic Letters*, **2011**, 13, 3312-5	6.2	100
149	The rapid preparation of 2-aminosulfonamide-1,3,4-oxadiazoles using polymer-supported reagents and microwave heating. *Tetrahedron*, **2005**, 61, 5323-5349	2.4	100
148	A breakthrough method for the accurate addition of reagents in multi-step segmented flow processing. *Chemical Science*, **2011**, 2, 765	9.4	99
147	The oxygen-mediated synthesis of 1,3-butadiynes in continuous flow: using Teflon AF-2400 to effect gas/liquid contact. *ChemSusChem*, **2012**, 5, 274-7	8.3	95
146	A fully automated, multistep flow synthesis of 5-amino-4-cyano-1,2,3-triazoles. *Organic and Biomolecular Chemistry*, **2011**, 9, 1938-47	3.9	90
145	Multi-step synthesis by using modular flow reactors: the preparation of yne--ones and their use in heterocycle synthesis. *Chemistry - A European Journal*, **2010**, 16, 89-94	4.8	90
144	A continuous flow process using a sequence of microreactors with in-line IR analysis for the preparation of N,N-diethyl-4-(3-fluorophenylpiperidin-4-ylidenemethyl)benzamide as a potent and highly selective □-opioid receptor agonist. *Chemistry - A European Journal*, **2010**, 16, 12342-8	4.8	85
143	An expeditious synthesis of imatinib and analogues utilising flow chemistry methods. *Organic and Biomolecular Chemistry*, **2013**, 11, 1822-39	3.9	84
142	Online quantitative mass spectrometry for the rapid adaptive optimisation of automated flow reactors. *Reaction Chemistry and Engineering*, **2016**, 1, 96-100	4.9	83
141	A flow reactor process for the synthesis of peptides utilizing immobilized reagents, scavengers and catch and release protocols. *Chemical Communications*, **2006**, 4835-7	5.8	83
140	Flow synthesis of organic azides and the multistep synthesis of imines and amines using a new monolithic triphenylphosphine reagent. *Organic and Biomolecular Chemistry*, **2011**, 9, 1927-37	3.9	82
139	Microwave assisted Leimgruber-Batcho reaction for the preparation of indoles, azaindoles and pyrroylquinolines. *Organic and Biomolecular Chemistry*, **2004**, 2, 160-7	3.9	81
138	Polymer-supported reagents for multi-step organic synthesis: application to the synthesis of sildenafil. *Bioorganic and Medicinal Chemistry Letters*, **2000**, 10, 1983-6	2.9	80
137	Non-metal-catalysed intramolecular alkyne cyclotrimerization reactions promoted by focussed microwave heating in batch and flow modes. *Organic and Biomolecular Chemistry*, **2005**, 3, 3365-8	3.9	79
136	A concise synthesis of carpanone using solid-supported reagents and scavengers. *Journal of the Chemical Society, Perkin Transactions 1*, **2002**, 1850-1857		78
135	The Changing Face of Organic Synthesis. *Chimia*, **2008**, 62, 162-168	1.3	76

134	Multi-step application of immobilized reagents and scavengers: a total synthesis of epothilone C. *Chemistry - A European Journal*, **2004**, 10, 2529-47	4.8	76
133	Flow and batch mode focused microwave synthesis of 5-amino-4-cyanopyrazoles and their further conversion to 4-aminopyrazolopyrimidines. *Organic and Biomolecular Chemistry*, **2007**, 5, 2758-61	3.9	75
132	The application of flow microreactors to the preparation of a family of casein kinase I inhibitors. *Organic and Biomolecular Chemistry*, **2010**, 8, 1798-806	3.9	74
131	Synthesis of acetal protected building blocks using flow chemistry with flow I.R. analysis: preparation of butane-2,3-diacetal tartrates. *Organic and Biomolecular Chemistry*, **2009**, 7, 4594-7	3.9	67
130	A microfluidic flow chemistry platform for organic synthesis: the Hofmann rearrangement. *Tetrahedron Letters*, **2009**, 50, 3287-3289	2	64
129	Solid-supported reagents for multi-step organic synthesis: preparation and application. *Il Farmaco*, **2002**, 57, 321-30		62
128	A Flow-Based Synthesis of 2-Aminoadamantane-2-carboxylic Acid. *Organic Process Research and Development*, **2012**, 16, 798-810	3.9	60
127	A machine-assisted flow synthesis of SR48692: a probe for the investigation of neurotensin receptor-1. *Chemistry - A European Journal*, **2013**, 19, 7917-30	4.8	59
126	Tagged phosphine reagents to assist reaction work-up by phase-switched scavenging using a modular flow reactor. *Organic and Biomolecular Chemistry*, **2007**, 5, 1562-8	3.9	55
125	Molybdenum(II)- and Tungsten(II)-Catalyzed Allylic Substitution. *Journal of Organic Chemistry*, **1999**, 64, 2737-2750	4.2	50
124	A bifurcated pathway to thiazoles and imidazoles using a modular flow microreactor. *ACS Combinatorial Science*, **2008**, 10, 851-7		47
123	The synthesis of Bcr-Abl inhibiting anticancer pharmaceutical agents imatinib, nilotinib and dasatinib. *Organic and Biomolecular Chemistry*, **2013**, 11, 1766-800	3.9	45
122	Microwave and flow syntheses of Pseudomonas quinolone signal (PQS) and analogues. *Organic and Biomolecular Chemistry*, **2011**, 9, 57-61	3.9	44
121	The continuous flow synthesis of butane-2,3-diacetal protected building blocks using microreactors. *Organic and Biomolecular Chemistry*, **2010**, 8, 1588-95	3.9	44
120	A "catch-react-release" method for the flow synthesis of 2-aminopyrimidines and preparation of the Imatinib base. *Organic Letters*, **2012**, 14, 3920-3	6.2	43
119	Continuous photochemistry: the flow synthesis of ibuprofen via a photo-Favorskii rearrangement. *Reaction Chemistry and Engineering*, **2016**, 1, 147-150	4.9	42
118	Flow Microwave Technology and Microreactors in Synthesis. *Australian Journal of Chemistry*, **2013**, 66, 131	1.2	42
117	Diastereoselective chain-elongation reactions using microreactors for applications in complex molecule assembly. *Chemistry - A European Journal*, **2011**, 17, 3398-405	4.8	42

116	Pd-EnCatTM TPP30 as a Catalyst for the Generation of Highly Functionalized Aryl- and Alkenyl-Substituted Acetylenes via Microwave-Assisted Sonogashira Type Reactions. *European Journal of Organic Chemistry*, **2009**, 2009, 4412-4420	3.2	42
115	A Palladium Wall Coated Microcapillary Reactor for Use in Continuous Flow Transfer Hydrogenation. *Advanced Synthesis and Catalysis*, **2010**, 352, 1736-1745	5.6	42
114	Pharmaceutical strategy and innovation: an academics perspective. *ChemMedChem*, **2007**, 2, 768-88	3.7	42
113	The Continuous-Flow Synthesis of Carboxylic Acids using CO2 in a Tube-In-Tube Gas Permeable Membrane Reactor. *Angewandte Chemie*, **2011**, 123, 1222-1225	3.6	41
112	An efficient and transition metal free protocol for the transfer hydrogenation of ketones as a continuous flow process. *Green Chemistry*, **2009**, 11, 683	10	41
111	Synthesis of a drug-like focused library of trisubstituted pyrrolidines using integrated flow chemistry and batch methods. *ACS Combinatorial Science*, **2011**, 13, 405-13	3.9	39
110	Synthesis of the Alkaloid Natural Products (+)-Plicane and (−)-Obliquine, Using Polymer-Supported Reagents and Scavengers *Industrial & Engineering Chemistry Research*, **2005**, 44, 8588-8592	3.9	39
109	A Concise Synthesis of the Natural Product Carpanone Using Solid-Supported Reagents and Scavengers. *Synlett*, **2001**, 2001, 1482-1484	2.2	39
108	Multiple Microcapillary Reactor for Organic Synthesis. *Industrial & Engineering Chemistry Research*, **2010**, 49, 4576-4582	3.9	38
107	Batch and Flow Synthesis of Pyrrolo[1,2-a]-quinolines via an Allene-Based Reaction Cascade. *Journal of Organic Chemistry*, **2015**, 80, 10806-16	4.2	36
106	A total synthesis of millingtonine A. *Organic Letters*, **2012**, 14, 696-9	6.2	36
105	A Polymer-supported Iridium Catalyst for the Stereoselective Isomerisation of Double Bonds. *Synlett*, **2002**, 2002, 0516-0518	2.2	36
104	Clean and efficient synthesis of azo dyes using polymer-supported reagents. *Green Chemistry*, **2000**, 2, 43-46	10	36
103	The application of a monolithic triphenylphosphine reagent for conducting Appel reactions in flow microreactors. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 1648-55	2.5	35
102	Development of the industrial synthesis of vitamin A. *Tetrahedron*, **2016**, 72, 1645-1652	2.4	33
101	Establishing a flow process to coumarin-8-carbaldehydes as important synthetic scaffolds. *Chemistry - A European Journal*, **2012**, 18, 9901-10	4.8	33
100	Continuous flow based catch and release protocol for the synthesis of alpha-ketoesters. *Beilstein Journal of Organic Chemistry*, **2009**, 5, 23	2.5	33
99	Controlled Flow Precipitation as a Valuable Tool for Synthesis. *Organic Process Research and Development*, **2016**, 20, 371-375	3.9	32

98	Piecing together the puzzle: understanding a mild, metal free reduction method for the large scale synthesis of hydrazines. *Tetrahedron*, **2011**, 67, 10296-10303	2.4	31
97	Boehmeriasin A as new lead compound for the inhibition of topoisomerases and SIRT2. *European Journal of Medicinal Chemistry*, **2015**, 92, 766-75	6.8	30
96	Organic synthesis in a changing world. *Chemical Record*, **2002**, 2, 377-88	6.6	30
95	A phase-switch purification approach for the expedient removal of tagged reagents and scavengers following their application in organic synthesis. *Organic and Biomolecular Chemistry*, **2005**, 3, 3140-60	3.9	30
94	Solid supported reagents in multi-step flow synthesis. *Ernst Schering Research Foundation Workshop* , **2006**, 151-85		29
93	Synthesis of Alkaloid Natural Products Using Solid-Supported Reagents and Scavengers. *Current Organic Chemistry*, **2005**, 9, 1521-1534	1.7	29
92	A Clean Conversion of Aldehydes to Nitriles Using a Solid-Supported Hydrazine. *Synlett*, **2002**, 2002, 0775-0777	2.2	27
91	Total Synthesis of the Amaryllidaceae Alkaloid (+)-Plicamine and Its Unnatural Enantiomer by Using Solid-Supported Reagents and Scavengers in a Multistep Sequence of Reactions. *Angewandte Chemie*, **2002**, 114, 2298	3.6	26
90	Continuous-Flow Synthesis of 2H-Azirines and Their Diastereoselective Transformation to Aziridines. *Synlett*, **2015**, 27, 159-163	2.2	25
89	Synthesis of riboflavines, quinoxalinones and benzodiazepines through chemoselective flow based hydrogenations. *Molecules*, **2014**, 19, 9736-59	4.8	25
88	Formation of 4-aminopyrimidines via the trimerization of nitriles using focused microwave heating. *ACS Combinatorial Science*, **2005**, 7, 483-9		25
87	The rapid generation of isothiocyanates in flow. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 1613-9	2.5	24
86	Molybdenum(0) and tungsten(0) catalysts with enhanced reactivity for allylic substitution: regioselectivity and solvent effects. *Journal of the Chemical Society, Perkin Transactions 1*, **2001**, 1234-1240		24
85	Exploring Flow Procedures for Diazonium Formation. *Molecules*, **2016**, 21,	4.8	22
84	Back Pressure Regulation of Slurry-Forming Reactions in Continuous Flow. *Chemical Engineering and Technology*, **2015**, 38, 259-264	2	21
83	Flow chemistry approaches directed at improving chemical synthesis. *Green Processing and Synthesis*, **2013**, 2,	3.9	21
82	A solid-supported arylboronic acid catalyst for direct amidation. *Chemical Communications*, **2019**, 55, 2916-2919	5.8	21
81	Flow synthesis of ethyl isocyanoacetate enabling the telescoped synthesis of 1,2,4-triazoles and pyrrolo-[1,2-c]pyrimidines. *Organic and Biomolecular Chemistry*, **2015**, 13, 4231-9	3.9	19

80	Continuous flow synthesis of poly(acrylic acid) via free radical polymerisation. *Reaction Chemistry and Engineering*, **2017**, 2, 662-668	4.9	18
79	The Continuous-Flow Synthesis of Styrenes Using Ethylene in a Palladium-Catalysed Heck Cross-Coupling Reaction. *Synlett*, **2011**, 2011, 2643-2647	2.2	18
78	Syngas-Mediated C-C Bond Formation in Flow: Selective Rhodium-Catalysed Hydroformylation of Styrenes. *Synlett*, **2011**, 2011, 2648-2651	2.2	18
77	The Use of Diethylaminosulfur Trifluoride (DAST) for Fluorination in a Continuous-Flow Microreactor. *Synlett*, **2008**, 2008, 2111-2114	2.2	18
76	Flow-Assisted Synthesis: A Key Fragment of SR 142948A. *European Journal of Organic Chemistry*, **2017**, 2017, 6540-6553	3.2	17
75	Synthesis of trifluoromethyl ketones using polymer-supported reagents. *Combinatorial Chemistry and High Throughput Screening*, **2002**, 5, 197-9	1.3	17
74	Large-Scale Synthesis of Crystalline 1,2,3,4,6,7-Hexa--acetyl-l-□d--heptopyranose. *European Journal of Organic Chemistry*, **2015**, 2015, 2718-2726	3.2	16
73	Synthesis of (-)-Hennoxazole A: Integrating Batch and Flow Chemistry Methods. *Synlett*, **2013**, 24, 514-518	2.2	16
72	Synthesis of Highly Substituted Nitropyrrolidines, Nitropyrrolizines and Nitropyrroles via Multicomponent-Multistep Sequences within a Flow Reactor. *Heterocycles*, **2010**, 82, 1297	0.8	16
71	Preparation of the Neolignan Natural Product Grossamide by a Continuous-Flow Process. *Synlett*, **2006**, 2006, 0427-0430	2.2	16
70	A Robust and Scalable Continuous Flow Process for Glycerol Carbonate. *Chemical Engineering and Technology*, **2018**, 41, 2014-2023	2	15
69	Integrating Microwave-Assisted Synthesis and Solid-Supported Reagents133-176		15
68	Catalytic Chan-Lam coupling using a Qube-in-tubeQreactor to deliver molecular oxygen as an oxidant. *Beilstein Journal of Organic Chemistry*, **2016**, 12, 1598-607	2.5	15
67	A Simple and Efficient Flow Preparation of Pyocyanin a Virulence Factor of Pseudomonas aeruginosa. *European Journal of Organic Chemistry*, **2019**, 2019, 5424-5433	3.2	14
66	Synthesis of 1,3,6-Trisubstituted Azulenes. *Journal of Organic Chemistry*, **2015**, 80, 11513-20	4.2	13
65	The Evolution of Immobilized Reagents and their Application in Flow Chemistry for the Synthesis of Natural Products and Pharmaceutical Compounds **2012**, 359-393		13
64	Flow carbonylation of sterically hindered ortho-substituted iodoarenes. *Beilstein Journal of Organic Chemistry*, **2016**, 12, 1503-11	2.5	13
63	Photochemical Flow Synthesis of 3-Hydroxyazetidines. *ChemPhotoChem*, **2019**, 3, 1212-1218	3.3	12

62	A concise flow synthesis of indole-3-carboxylic ester and its derivatisation to an auxin mimic. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 2549-2560	2.5	12
61	Thiazole formation through a modified Gewald reaction. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 875-83	2.5	12
60	Flow Synthesis and Biological Studies of an Analgesic Adamantane Derivative That Inhibits P2X7-Evoked Glutamate Release. *ACS Medicinal Chemistry Letters*, **2013**, 4, 704-9	4.3	12
59	Molybdenum(II)-catalyzed allylic substitution. *Tetrahedron Letters*, **1997**, 38, 4895-4898	2	12
58	Sustainable synthesis of thioimidazoles via carbohydrate-based multicomponent reactions. *Organic Letters*, **2014**, 16, 6076-9	6.2	11
57	A monolith immobilised iridium Cp* catalyst for hydrogen transfer reactions under flow conditions. *Organic and Biomolecular Chemistry*, **2015**, 13, 1768-77	3.9	11
56	The synthesis of neurotensin antagonist SR 48692 for prostate cancer research. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 4378-87	3.4	11
55	Enantioselective Synthesis of the Tetrahydrobenzylisoquinoline Alkaloid (-)-Norarmepavine Using Polymer Supported Reagents. *Heterocycles*, **2003**, 60, 2707	0.8	11
54	A comprehensive review of flow chemistry techniques tailored to the flavours and fragrances industries. *Beilstein Journal of Organic Chemistry*, **2021**, 17, 1181-1312	2.5	11
53	Indium- and Zinc-Mediated Acyloxyallylation of Protected and Unprotected Aldotetroses-Revealing a Pronounced Diastereodivergence and a Fundamental Difference in the Performance of the Mediating Metal. *Journal of Organic Chemistry*, **2018**, 83, 2647-2659	4.2	10
52	A Short Multistep Flow Synthesis of a Potential Spirocyclic Fragrance Component. *Chemical Engineering and Technology*, **2015**, 38, 1713-1716	2	10
51	Studies of a Diastereoselective Electrophilic Fluorination Reaction Employing a Cryo-Flow Reactor. *Synlett*, **2013**, 24, 1298-1302	2.2	10
50	A continuous flow synthesis and derivatization of 1,2,4-thiadiazoles. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 6218-6223	3.4	9
49	The Generation of a Library of □Bromodomain-Containing Protein Modulators Expedited by Continuous Flow Synthesis. *European Journal of Organic Chemistry*, **2016**, 2016, 2000-2012	3.2	9
48	Synthesis of 3-Nitropyrrolidines via Dipolar Cycloaddition Reactions Using a Modular Flow Reactor. *Synlett*, **2010**, 2010, 749-752	2.2	9
47	A Flow Process Using Microreactors for the Preparation of a Quinolone Derivative as a Potent 5HT1B Antagonist. *Synlett*, **2010**, 2010, 505-508	2.2	9
46	An Integrated Flow and Batch-Based Approach for the Synthesis of O-Methyl Siphonazole. *Synlett*, **2011**, 2011, 1375-1380	2.2	9
45	Methyl glycosides via Fischer glycosylation: translation from batch microwave to continuous flow processing. *Monatshefte F□ Chemie*, **2019**, 150, 11-19	1.4	9

44	Application of Polymer-Supported Enzymes and Reagents in the Synthesis of Aminobutyric Acid (GABA) Analogues. *Synlett*, **2002**, 2002, 1641-1644	2.2	8
43	Unsaturated ketones via copper(II) bromide mediated oxidation. *Tetrahedron*, **2016**, 72, 2947-2954	2.4	8
42	Flow Hydrodediazoniation of Aromatic Heterocycles. *Molecules*, **2019**, 24,	4.8	7
41	Rearrangement of 3-Hydroxyazetidines into 2-Oxazolines. *Journal of Organic Chemistry*, **2020**, 85, 7276-7286	4.8	7
40	Flow synthesis of coumalic acid and its derivatization. *Reaction Chemistry and Engineering*, **2018**, 3, 722-732	4.9	7
39	Sustainable Flow Synthesis of a Versatile Cyclopentenone Building Block. *Organic Process Research and Development*, **2017**, 21, 2052-2059	3.9	7
38	Oxidation Reactions in Segmented and Continuous Flow Chemical Processing Using an N-(tert-Butyl)phenylsulfinimidoyl Chloride Monolith. *Synlett*, **2011**, 2011, 869-873	2.2	7
37	The application of focused microwave irradiation coupled with freeze drying to investigate the reaction of MgO and Al2O3 slurries in the formation of layered double hydroxides. *Green Chemistry*, **2008**, 10, 629	10	7
36	Organic Chemistry in Microreactors59-209		6
35	A Continuous-Flow Method for the Desulfurization of Substituted Thioimidazoles Applied to the Synthesis of Etomidate Derivatives. *European Journal of Organic Chemistry*, **2017**, 2017, 6518-6524	3.2	5
34	Scale-Up of Flow-Assisted Synthesis of C2-Symmetric Chiral PyBox Ligands. *Synthesis*, **2012**, 2012, 635-647	2.9	5
33	The Synthesis and Utility of Metal-Nitrosophenolato Compounds-Highlighting the Baudisch Reaction. *Molecules*, **2019**, 24,	4.8	4
32	The Use of Polymer-Supported Reagents and Scavengers in the Synthesis of Natural Products. *Critical Reviews in Combinatorial Chemistry*, **2006**, 131-163		4
31	Adjust band gap of IATO nanoparticles to obtain desirable optical property by one-step hydrothermal oxidation. *Current Applied Physics*, **2017**, 17, 584-591	2.6	3
30	A One-Pot Divergent Sequence to Pyrazole and Quinoline Derivatives. *Molecules*, **2020**, 25,	4.8	3
29	Purification of poly(acrylic acid) using a membrane ultra-filtration unit in flow. *Reaction Chemistry and Engineering*, **2017**, 2, 656-661	4.9	3
28	Enzymatic Oxidative Cyclisation Reactions Leading to Dibenzoazocanes. *Synlett*, **2010**, 2010, 1919-1922	2.2	3
27	Synthesis of nornicotine, nicotine and other functionalised derivatives using solid-supported reagents and scavengers. *Journal of the Chemical Society, Perkin Transactions 1*, **2002**, 143-154		3

26	Synthesis of new derivatives of boehmeriasin A and their biological evaluation in liver cancer. *European Journal of Medicinal Chemistry*, **2019**, 166, 243-255	6.8	2
25	Diastereoselective Trifluoroacetylation of Highly Substituted Pyrrolidines by a Dakin-West Process. *Journal of Organic Chemistry*, **2016**, 81, 11898-11908	4.2	2
24	A Base-Catalysed One-Pot Three-Component Coupling Reaction Leading to Nitrosubstituted Pyrroles. *Synthesis*, **2009**, 2009, 1485-1493	2.9	2
23	A New Focused Microwave Approach to the Synthesis of Amino-Substituted Pyrroloisoquinolines and Pyrroloquinolines via a Sequential Multi-Component Coupling Process. *Synthesis*, **2008**, 2008, 1688-1702	2.9	2
22	Natural Products as an Inspiration for the Discovery of New High-Throughput Chemical Synthesis Tools **2006**, 51-89		2
21	Photochemical Flow Oximation of Alkanes. *Synlett*, **2020**, 31, 1907-1912	2.2	2
20	Straight Forward and Versatile Differentiation of the l- and d--d- Heptose Scaffold. *Frontiers in Chemistry*, **2020**, 8, 625	5	2
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